

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1 14. (Canceled) .

15. (New) A method for transferring media data subject to coding or decoding performed by a codec, the data including audio data, video data or a combination, between at least two terminating devices in a telecommunications network utilizing a network node, the method comprising the steps of:

receiving information about codecs supported on a communication path between the network node and one of the at least two terminating devices:

providing a list of codec types or configurations or both that are supported by:
the network node;

the one of the at least two terminating devices; and

all the network nodes in the communication path between the network node and one of the at least two terminating devices;

comparing the received information about codecs with the list of codec types or configuration or both; and

utilizing the list of codec types or configurations or both for coding or decoding or both if at least one transcoding is implemented in the communication path, wherein the codec types or configurations or both that are supported directly form a first part of the list and codec types or configurations or both that can be used only if the at least one transcoding is implemented form a second part of the list, wherein the first part of the list and the second part of the list are separated by a separator, the separator being a codec.

16. (New) The method of claim 15, wherein the separator is a default codec type.

17. (New) The method of claim 15, wherein the separator is pulse code modulation (PCM).

18. (New) A network node for transferring media data subject to coding or decoding performed by a codec, the data including audio data, video data or a combination between at least two terminating devices in a telecommunications network, the network node comprising:

- an input output unit for sending and receiving messages;

- receiving information about codecs supported on a communication path between the network node and one of the at least two terminating devices;

- a generation unit for providing a list of codec types or configurations or both that are supported by:

 - the network node;

 - the one of the at least two terminating devices; and

 - all the network nodes in the communication path between the network node and one of the at least two terminating devices;

- a comparing unit for comparing the received information about codecs with the list of codec types or configuration or both; and

- means for utilizing the list of codec types or configurations or both for coding or decoding or both if at least one transcoding is implemented in the communication path, wherein the codec types or configurations or both that are supported directly form a first part of the list and codec types or configurations or both that can be used only if the at least one transcoding is implemented form a second part of the list, wherein the first part of the list and the second part of the list are separated by a separator, the separator being a codec.

19. (New) The network node of claim 18, wherein the separator is a default codec type.

20. (New) The network node of claim 18, wherein the separator is pulse code modulation (PCM).

21. (New) A method, in a telecommunications network, for selecting at least one of a codec or decoder type for coding or decoding media data including audio data, video data or a combination of both for transfer between a mobile terminal and a server wherein a communication path between the mobile terminal and the server comprises a first call leg to the mobile terminal and a second call leg to the server, the method comprising the steps of:

receiving or generating a first list of codec types or configurations or both for the first call leg;

receiving or generating a second list of codec types or configurations or both for the second call leg, wherein the first and second list each comprise a first part with codec types or configurations or both supported by all nodes involved in coding or decoding of media data transferred on the respective call leg and supported by the respective terminating device and a second part comprising codecs or configurations or both that can only be used if at least one transcoding is implemented in the first call leg or second call leg;

detecting a separator between a first part and a second part of the first or the second list, wherein the separator is a codec;

comparing the first and second list;

selecting a codec type or configuration or both from the first list; and

selecting a codec type or configuration or both from the second list.

22. (New) The method of claim 21, wherein the separator is a default codec type.

23. (New) The method of claim 21, wherein the separator is a pulse code modulation (PCM).

24. (New) The method of claim 21, further comprising the step of

comparing the first part of the first list and the first part of the second list for determining that the first part of the first list and the first part of the second list each comprise at least one codec type or codec configuration.

25. (New) The method of claim 21, further comprising the step of determining that the first part of the first list or the first part of the second list does not comprise at least one codec type or configuration, wherein the first part of either list that comprises at least one codec type or configuration is compared to the second part of the respective other list.

26. (New) The method of claim 21, further comprising the step of comparing the second part of the first list with the second part of the second list and determining that none of the list comprises a first part with at least one codec type or configuration.

27. (New) The method of claim 21, wherein the selecting steps are performed by evaluating a priority table.

28. (New) The method of claim 27, wherein the priority table is a triangular matrix comprising elements along the matrix diagonal referring to transcoder free transmission and further elements in the upper or lower triangular referring to transmission of data where transcoding is required.

29. (New) A device for selecting one of a coder or decoder type or configuration or both, for coding or decoding or both of media data, including audio data or video data or a combination of both, for transfer between first and second terminating devices connected to a telecommunications network comprising a first network node and a second network node, wherein a terminating device is a mobile terminal or a server and a communication path between the first and the second network node comprise a first call leg to the first terminating device and a second call leg to the second terminating device, the device comprising:

an input unit

for receiving a first list of codec types or configurations or both for the first call leg, and

for receiving a second list of codec types or configurations or both for the second call leg;

a comparing unit for comparing the first and second list, wherein the comparing unit is adapted for

detecting a separator separating a first part and a second part of a list of codec types or configurations or both supported by all nodes involved in coding or decoding or both of media data transferred on a respective call leg and supported by the respective terminating device, the second part comprising codec types or configurations or both that can be used only if at least one transcoding is implemented in the respective call leg, and

detecting if one or both of the lists do not comprise any codec type or configuration in the first part; and

a selecting unit for selecting a codec type or configuration or both from the first list and the second list according to a result of the comparing step.

30. (New) The device of claim 29, further comprising storage for storing a priority table, wherein the selecting unit is adapted to use contents of the priority table for selecting elements referring to transcoder free transmission and further elements referring to transmission of data where transcoding is required.

31. (New) The device of claim 29, wherein the separator is a default codec type.

32. (New) The device of claim 29, wherein the separator is Pulse Code Modulation (PCM).